



IFW

DOCKET NO.: VIA-007-CIP

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Qiang Shen**

Office Action Confirmation No.: **3135**

Serial No.: **10/729,110**

Group Art Unit: **2112**

Filed: **December 5, 2003**

Examiner: **Lamarre, Guy J.**

For: **Single Engine Turbo Decoder with Single  
Frame Size Buffer for Interleaving/Deinterleaving**

In accordance with 37 C.F.R. 1.8, I hereby certify that this correspondence and all its attachments are being deposited on Tuesday, September 4, 2007, with the U.S. Postal Service with sufficient postage as First Class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Barbara Kelly* 9/4/07  
Barbara S. Kelly

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

RESPONSE TRANSMITTAL LETTER

Transmitted herewith is a Response (in 2 pages) to an Office Action issued August 3, 2007, with regard to the above-identified application.

The Commissioner is hereby authorized to charge any additional filing fees required under 37 CFR 1.16 including fees for presentation of extra claims, and any additional patent application processing fees under 37 CFR 1.17 or under 37 CFR 1.20(d). Please charge any deficiency or credit any overpayment to Deposit Account No 50-0490.

Date:

*Sent. 4, 2007*  
September 4, 2007

*Martin J. Jaquez*

Martin J. Jaquez  
Registration No. 38,060  
JAQUEZ & ASSOCIATES  
6265 Greenwich Drive, Suite 100D  
San Diego, CA 92122  
(858) 453-2004 (voice)  
(858) 453-1280 (facsimile)



VIA-007  
Appl. No. 10/729,110

Submission Date: September 4, 2007  
Response to Office Action of August 3, 2007

In re application of: **Qiang Shen**

Confirmation No.: 3135

Serial No.: 10/729,110

Group Art Unit: 2112

Filed: December 5, 2003

Examiner: Lamarre, Guy J.

For: **Single Engine Turbo Decoder with Single Frame Size  
Buffer for Interleaving/De-interleaving**

In accordance with 37 C.F.R. 1.8, I hereby certify that this correspondence and all its attachments are being deposited on **Tuesday, September 4, 2007** with the U.S. Postal Service with sufficient postage as First Class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Barbara Kelly* 9/4/07  
Barbara S. Kelly Date

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### RESPONSE

Dear Sir:

Responsive to the Office Action dated August 3, 2007, Applicant hereby elects to prosecute the "Species I" claims, including independent Claim 1, and dependent Claims 2-10 and 31, with traverse. Applicant therefore direct cancellation of the Species II claims, Claims 11-30, but retains the right to further prosecute Claims 11-30 in a continuation or divisional application.

Applicants respectfully traverse the restriction requirement for the following reasons. The Examiner states on page 1 of 4 of the current Office Action that Independent Claims 11 and 21, and intervening claims, are drawn to a "method of decoding and de-interleaving a received signal representing a single frame of data, ...". However, Applicant respectfully submits that independent Claim 21, and its dependent claims (Claims 22-30), do not define a method, but rather they define an "[a]n article of manufacture for use in decoding and de-interleaving a received signal representing a single frame of data, ...". Similarly, Claim 1 and its

VIA-007-CIP  
Appln. No. 10/729,110

Submission Date: September 4, 2007  
Response to Office Action of August 3, 2007

dependent Claims 2-10 and 31 define "[a]n apparatus for decoding and de-interleaving a received signal...".  
Withdrawal of the present restriction requirement as regards Claims 21-30 is therefore respectfully requested.

Respectfully submitted,

Sept. 4, 2007

Date: September 4, 2007



Martin J. Jaquez  
Registration No. 38,060

JAQUEZ & ASSOCIATES  
6265 Greenwich Drive, Suite 100D  
San Diego, California 92122-5916  
(858) 453-2004 (TEL)  
(858) 453-1280 (FAX)  
E-mail: [barbara@jaquez-associates.com](mailto:barbara@jaquez-associates.com)